

PRICE CHANGING UNIT CONTROLLER RC400 User Guide



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CONTROLLER INTERFACE

I. Model Number

ITEM NO.	PL-GPTRANS-SH
VERSION NO.	B
FIREWARE VERSION	C100401
INPUT	9VDC
POWER	3W

II. Appearance of controller interface



III. Button Function

Button	General Functions
ESC	Cancel and return to previous screen
PRICE	Product Price Setting, see section 2 for more detail
SETTING	System configuration key, see section 3 for more detail
FUNC	Reserve. No Function
ENTER	Confirm input data, such as gas pricing, dimmer setting
BATTERY	Power ON and OFF using Battery Mode.
0 1 2 3 4 5 6 7 8 9	Number Keys 0 - 9
↑ ↓ ← →	Arrow Key, move cursor to desire location

CONTROLLER INTERFACE (continued)

IV. Default Password

All units shipped out from factory are PASSWORD DISABLED. Default password is 000000 (six numeric zero).

When password is in the default mode, controller will not prompt for password, the screen will display selected function directly, either for price or setting.

V. Side note prior to usage of the controller

- 1) When the controller is power on, the backlit will be turn on when press any key on the controller, within 40 sec without press any key, the backlit will turn off.
- 2) During any configuration, the backlit will turn off and return to the previous screen if nothing is press in 40 sec, it will change back to system stand-by mode if nothing is press in 80 sec.
- 3) During the system stand-by mode, use up (↑) or down (↓) arrow key to display product pricing on the controller interface.

PRICE CONFIGURATION

Pro-Lite, Inc. Digi-Brite PCU system allows users to enter 8 set of pricing up to eight (8) product lines.

- 1) Press PRICE.
- 2) Default user password is 000000 (6 zeros), when a default password is in place, the system will not request for password, it will direct to PRICE setting screen. If the password has been modified, then it will request you to enter your password.
- 3) Use up (↑) or down (↓) key to desire product line to change its price, once a price is entered, the cursor will automatically move to the next product line.
- 4) Once all desire prices are entered, press ENTER.
- 5) The system will then refresh all the units with matching product line and PCU ID.
- 6) For any reason the user needs to abort the operation of changing the price, press ESC to abort setting, previous price will remain in the system, no price will be change.

SETTING CONFIGURATION

There are 8 major setting in the configuration mode, to start configure, simply press SETTING button and use up (↑) or down (↓) arrow key to choose from 8 different system setting options:

Options	General Function
Configuration (Technical Setting)	To configure 1) Number of sign (pylon or monument) 2) products (gas) per side
System Test	Test or refresh PCU
Price Setting History	Shows price history in each product line with date and time of the changes
Password Setting	1) Set password for admin and user 2) To enable/disable password function
Date & Time Setting	To enter date and time of the location where signs are installed
Dimmer Setting	To adjust brightness of each PCU
Firmware Version	Displays RC400 Firmware Ver.
Price Repeat Refresh	Transmission Repeat times when there is a transmission failure

I. Configuration

This section demonstrates how to configure PCU and indicate the number of signs and number of products per side. Each sign can be single or double sided. Enter the number of sign(s) or pylon(s) and enter the number of products per side, the system will automatic determine the total amount of PCU by using following equation:

Number of Product per Side x 2 (Double Sided) x Number of Sign = Total PCU in one location.

If one side has three lines product and the other side only has two, you may disable the third product line from the controller.

For example, if one location has two signs (pylons or monuments), each is double sided with four products per side. And the password is 000000.

- 1) Press SETTING.
- 2) With default admin password (000000), the screen will prompt directly to SETTING MENU without asking to enter password.
- 3) Press ENTER on 1 Configuration
- 4) Enter the number of sign (4 signs max) then down arrow key (↓) to move the cursor to Product per Side and enter the product per side.

SETTING CONFIGURATION (continued)

- 5) Press ENTER → Sign ID Configuration appears → Each line ID represents a price of each product line (To set price on each product line, please refer to section 2, PRICE configuration).
- 6) Use up (↑) or down (↓) key to align the price of each product line.
- 7) Once determine the grade of each product line press ENTER → PCU ID appears for each sign and which side they are on, side A or side B → Correspond each sign with its ID, use arrow key to move the cursor to make change of the PCU ID (The screen will show Sign number and side A or B to help you program particular PCU)
 - a) to disable a product line, move the cursor to that product line and press 0 (numeric zero)
 - b) to enable a product line, move the cursor to that product line and press 1 (numeric one)
- 8) Once all configurations are done, user has option to either test or refresh the system.

II. System Test

- 1) Press SETTING.
- 2) With default admin password (000000), the screen will prompt directly to SETTING MENU without asking to enter password.
- 3) Use down arrow key (↓) to scroll down to System (Sign) Test
- 4) Press ENTER
- 5) Use left (←) or right (→) arrow key to move the cursor up (↑) or down (↓) key to switch between sign and side A/B to perform test or refresh PCU's.
- 6) Press ENTER

NOTE: Antenna on remote should be pointing vertical (i.e. towards the sky) for optimum reception.

III. Price Setting History

- 1) Press SETTING.
- 2) With default admin password (000000), the screen will prompt directly to SETTING MENU without asking to enter password.
- 3) Use down arrow key (↓) to scroll down to Price History
- 4) Press ENTER
- 5) Use up (↑) or down (↓) arrow key to scroll to the particular product to check its price history
- 6) Press ENTER
- 7) Right (→) arrow key to move page up and left (←) arrow key to move page down
- 8) Press ESC to cancel and return to previous screen: Price Setting History.

SETTING CONFIGURATION (continued)

IV. Password Settings

You will be asked to enter password twice to ensure the numbers are entered correctly.

- 1) Press SETTING
- 2) With default admin password (000000), the screen will prompt directly to SETTING MENU without asking to enter password.
- 3) Use down arrow key (↓) to scroll down to Password Setting
- 4) Choose 1 to set user password
 - a) Enter six numbers
 - b) Repeat above step
 - c) Password confirmed automatically if both time enter correctly, it will show error message when the number enter incorrectly the second time.
- 5) Choose 2 to set administration password
 - a) Enter desire six digit numbers
 - b) Repeat above step
 - c) Password confirmed automatically if both time enter correctly, it will show error message when the number enter incorrectly the second time.
- 6) To disable either user or admin password, repeat step 4 for user password or repeat step 5 for admin password, enter all six digits with 6 zero (000000) twice to confirm both set of number match then press enter to change the password to disable the password function.

V. Date & Time Setting

- 1) Press SETTING
- 2) With default admin password (000000), the screen will prompt directly to SETTING MENU without asking to enter password.
- 3) Use down arrow key (↓) to scroll down to Date & Time Setting
- 4) Use left (←) and right (→) arrow key to desire digit then use up (↑) and down (↓) arrow key to change date and time.
- 5) Press ENTER when done.

SETTING CONFIGURATION (continued)

VI. Dimmer Setting

- 1) Press SETTING
- 2) With default admin password (000000), the screen will prompt directly to SETTING MENU without asking to enter password.
- 3) Use down arrow key (↓) to scroll down to Dimmer Setting
- 4) Press ENTER
- 5) Use left (←) or right (→) key to move cursor to desire sign, side and product line, use up (↑) or down (↓) to choose particular sign, side and product line for dimmer setting
- 6) Once desired PCU selected, move the cursor to the level of the dimmer setting
- 7) Use up (↑) or down (↓) arrow key to adjust level of brightness.
- 8) Press ENTER when done.

CAUTION

Sign Testing Mode/Updating Product Prices

When the RC400 is in the above transmission modes, do not disconnect the power supply until the LCD reads Transmission Successful. If power was inadvertently disconnected while in the middle of a transmission, all information will have to be re-entered.

Backup Battery

For use during power outages or sign servicing.

CUSTOMER SERVICE

TECHNICAL SUPPORT

Available 7:30 am – 4:30pm PST

Phone (714) 668-9988

Email: gpsupport@pro-lite.com

Web: www.pro-lite.com

PRO-LITE WARRANTY INFORMATION

LIMITED ONE YEAR WARRANTY

PRO-LITE INC. Warranty to the original consumer that each of its PRO-LITE products and all components therein contained will be free from defects in materials and/or workmanship for one year from the date of purchase or unless otherwise specified. Any warranty hereunder is extended only to the original consumer purchaser and is not assignable.

Warranty Conditions

In the event of malfunction or other indication of failure attributable directly to faulty workmanship and/ or material, PRO-LITE INC. will at its option, repair or replace said products or components to whatever extent it shall deem necessary to restore said product to proper operating condition, provided the consumer purchase has previously returned the enclosed Warranty Registration Card to PRO-LITE INC, and/or can provide an original dated receipt of purchase. During the first year after the date of purchase, all in house labor and materials will be provided without charge. There shall be no warranty for either parts or labor after the expiration of one year from the date of purchase. PRO-LITE INC. does not warranty bulbs in combination of fluorescent board products.

Units must be returned postage prepaid. It is recommended that the unit be insured when shipped. Units returned for which a Warranty Registration Card has not been submitted or out-of-warranty units returned will be repaired or replaced (at the option of PRO-LITE INC.) and the customer will be charged for parts and labor.

The customer shall be solely responsible for failure of any PRO-LITE INC. product or component thereof, resulting from accident, abuser misapplication of the product, and PRO-LITE INC. assume no liability as a consequence of such events under the terms of the Warranty.

Incidental and consequential damages caused by malfunctions, defect, or otherwise and with respect to breach of any express or implied warranty, are not the responsibility of PRO-LITE INC. and to the extent permitted by law are hereby excluded both for property and, to the extent, of unconscionable, for personal injury damage. (Some states do not allow the exclusion or limitations of incidental or consequential damages, so the above may not apply to you.)

Reseller Warranty

Resellers, which fall under the category of sign company, installer, contractor, or electrician, excludes coverage of all labor, travel, and maintenance fees associated with the servicing of defective signs. Standard warranty coverage is based on the product for Resellers of Digibrite products. Warranty for sign resellers covers all parts and factory labor (not on-site labor).

State Law Exceptions

This Warranty gives you specific legal rights and you also have other rights that vary from state to state.

This Warranty is in lieu of all other express warranties which now or hereafter might otherwise arise with respect to this product. ANY AND ALL IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR PARTICULAR USE SHALL HAVE NO GREATER DURATION THAN THE PERIOD THE EXPRESS WRITTEN WARRANTY APPLICABLE TO THIS PRODUCT AS SHOWN ABOVE AND SHALL TERMINATE AUTOMATICALLY AT THE EXPIRATION OF SUCH PERIOD. No action shall be brought for breach of any implied or express warranty after one year subsequent to the expiration of the period of the express written warranty. (Some states do not allow limitations of how long an implied warranty lasts, so this limitation may not apply to you.)

Returned Goods Authorizations (RMA)

Before returning a product for repair, the customer must call PRO-LITE INC. Customer Service at (714) 668-9988 for a Return Materials Authorization Number. This number should be included with the customer's mailing address and telephone number when the product is returned. Products should be returned to: PRO-LITE INC., Attention Warranty/Repair, 3505 Cadillac Ave. Bldg D, Costa Mesa, CA 92626 (postage prepaid). After receiving the RMA, the user shall promptly return the product at the user's expense to Pro-Lite Co., Inc. after receiving instructions as to when and where to ship product. Failure to follow this procedure shall void this warranty. Should the number of pieces received by Pro-Lite differ from the RMA either +/-, the customer will be notified and adjustments will be made at that time. Pro-Lite Co. Inc. reserves the right to examine all failed products and reserves the right to be the sole judge as to whether any products are defective and covered under this warranty

Freight Cost

Products will be returned to customer after repair or replacement at Pro-Lite's expense if the product is purchased within 30 days and Products will be returned to customer at customer's expense after 30 days from the date of purchase. In the event Pro-Lite would pay for the freight, it is Pro-Lite's option to choose the carrier and method to any destination within the United States of America. Should the customer desire some other specific form of conveyance, or be located outside the border of the U.S. then the customer must bear the cost of return shipment.

The warranty is subject to change unless otherwise agreed to this warranty condition.



3505 Cadillac Ave., Bldg. D
Costa Mesa, CA 92626
Phone: (714) 668-9988
Fax: (714)668-9980
Email: info@pro-lite.com
Web: www.pro-lite.com
REV. 05/10/11